

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT
005950-628APPLICATION NO.
09/729,215APPLICANT
Dennis J. O'Rear et al.FILING DATE
December 5, 2000GROUP
Unassigned

U.S. PATENT DOCUMENTS

RECEIVED

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|------------|----------|------------------|-------|----------|-------------|
| TN | 3,773,650 | 11/20/73 | Hislop et al. | 208 | 33 | — |
| TN | 3,775,288 | 11/27/73 | Eagen et al. | 208 | 33 | — |
| TN | 4,176,050 | 11/27/79 | Chen et al. | 208 | 111 | — |
| TN | 4,181,598 | 01/01/80 | Gillespie et al. | 208 | 58 | — |
| TN | 4,211,635 | 07/08/80 | Chen | 208 | 93 | — |
| TN | 4,222,855 | 09/16/80 | Pelrine et al. | 208 | 111 | — |
| TN | 4,229,282 | 10/21/80 | Peters et al. | 208 | 111 | — |
| TN | 4,477,333 | 10/16/84 | Hafez | 73 | 02 | — |
| TN | 4,627,901 | 12/09/86 | Ryan et al. | 204 | 190 | — |
| TN | 4,702,817 | 10/27/87 | Ryan et al. | 208 | 28 | — |

FOREIGN PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|---------------------|-------------|----------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| TN | 225 053 B1 | 29.10.86 | Europe | — | — | Y | |
| TN | 464 546 B1 | 19.07.95 | Europe | — | — | Y | |
| TN | 582 347 B1 | 30.07.93 | Europe | — | — | Y | |
| TN | 659 478 B1 | 20.12.94 | Europe | — | — | Y | |
| TN | 668 342 A1 | 06.02.95 | Europe | — | — | Y | |
| TN | WO 96/13563 | 09.05.96 | PCT | — | — | Y | |
| TN | WO 96/26993 | 06.09.96 | PCT | — | — | Y | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----------|--|
| TN | Chemical Technology of Petroleum, 3 rd Edition, William Gruse and Donald Stevens, McGraw-Hill Book Company, Inc., New York, 1960, pages 566 to 570. |
| TN | Sequeira: "The Mobil Lube Dewaxing Process" pages 198-204 |
| TN | J. D. Hargrove G. J. Elkes and A. H. Richardson Oil and Gas J. p. 103 Jan. 15, 1979 |
| | |
| | |
| | |
| EXAMINER | DATE CONSIDERED |

5/14/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE
CITATION

PTO-1449

ATTORNEY'S DKT NO
005950-628

APPLICANT
Dennis J. O'Rear et al.

FILING DATE
December 5, 2000

APPLICATION NO.
09/729,215

RECEIVED
GROUP

GROUP

4 MAR 29 200

U.S. PATENT DOCUMENTS

TC 1700

FILING DATE

| U.S. PATENT DOCUMENT | | | CLASS | SUBCLASS | |
|----------------------|------------|----------|-------------------------|----------|-----|
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | | |
| TN | 4,820,400 | 04/11/89 | Ryan et al. | 208 | 38 |
| TW | 4,898,674 | 02/06/90 | Pasternak et al. | 210 | 638 |
| TN | 4,919,788 | 04/24/90 | Chen et al. | 208 | 59 |
| TN | 4,943,672 | 07/24/90 | Hamner, deceased et al. | 585 | 737 |
| TN | 4,950,382 | 08/21/90 | Yao et al. | 585 | 737 |
| TN | 5,015,361 | 05/14/91 | Anthes et al. | 208 | 28 |
| TN | 5,049,536 | 09/17/91 | Bellussi et al. | 502 | 235 |
| TN | 5,110,445 | 05/05/92 | Chen et al. | 208 | 96 |
| TN | 5,135,638 | 08/04/92 | Miller | 208 | 27 |
| TN | 5,246,566 | 09/21/93 | Miller | 208 | 27 |
| TN | 5,282,958 | 02/01/94 | Santilli et al. | 208 | 111 |
| TN | 5,302,279 | 04/12/94 | Degnan et al. | 208 | 87 |
| TN | 5,723,716 | 03/03/98 | Brandes et al. | 585 | 734 |
| TN | 6,008,164 | 12/28/99 | Aldrich et al. | 508 | 110 |

FOREIGN PATENT DOCUMENTS

| | | | | | | | | |
|---------------------|------------|----------|---------|--------------------------|----------|-----|-------------|--|
| T N | 6,008,164 | 12/28/99 | Aldrich | FOREIGN PATENT DOCUMENTS | | | Translation | |
| | | | | CLASS | SUBCLASS | Yes | No | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

REMARKS (Including Author, Title, Date, Pertinent Pages, Etc.)

[illegible]

EXAMINE

DATE CONSIDERED

5 / 14 / 03

EXAMINER: 1
in conformance

reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.
005950-628

APPLICATION No.
09/729,215

APPLICANT
Dennis J. O'Rear, et al.

FILING DATE
December 5, 2000

GROUP
17640

~~OTPE~~

~~JUL 03 2002~~

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

[illegible]

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

(use as many sheets as necessary)

1

of

1

| | |
|-------------------------------|------------|
| Attorney Docket Number | 005950-628 |
|-------------------------------|------------|

[illegible][illegible]

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|-------------------|---|
| TN | Search Report dated February 11, 2003 |
| | |
| | |
| | |
| | |
| | |

4/15/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Complete if Known

| | |
|-------------------------------|------------------|
| Application Number | 09/729,215 |
| Filing Date | December 5, 2000 |
| First Named Inventor | Dennis J. O'Rear |
| Art Unit | 1764 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 005950-628 |

(use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered 5/14/03

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

APPLICATION No.
09/729,215

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| |
|------------------|
| FILING DATE |
| December 5, 2000 |

GROUP
1764

5


U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------|---|-----------------|---------|
| Examiner Initials | Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Examiner Signature |  | Date Considered | 5/14/03 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO

ATTORNEY'S DKT N

005950-628

APPLICATION No.

09/729,215

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

Dennis J. O'Rear, et al.

FILING DATE

December 5, 2000

GROUP

1764

#7

U.S. PATENT DOCUMENTS

[illegible]

CL/sub

208/59

208/87

208/23

208/80

RECEIVED
AUG 02 2002
TC 1700
S

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner
Signature

Law

Date
Considered

5/14/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.